

Name: A.PRAVALLIKA

Designation: ASSISTANT PROFESSOR

Department: ECE

Mail I'd: prvllik88@gmail.com



Experience (in years): 5yrs Teaching: 5 Research: -NIL Others(if any, specify):-NIL

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	Ph.D	PURSUING	IMAGE PROCESSING USING DEEP LEARNING
2.	M.TECH	2012	EMBEDDED SYSTEMS
3.	B.TECH	2009	ECE
4.	INTERMEDIATE	2005	MPC
5.	SSC	2003	BSE

2. Teaching and Learning:

2.1. Teaching Interests:

Electronic Devices and Circuits, Basic Electronics Engineering, Analog Electronics, Microprocessor and Microcontrollers, Control Systems, Embedded Systems, Fundamentals of Internet of Things.

2.2. Novel Teaching & Learning Techniques adopted: Videos, PPT, Group Discussion

2.3. Involvement in curriculum updating / Design: Prepared EECE and IoT Lab manual

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Reading Books, Paper Craft and Art making

3.2. CCA/ECA Organized: Organized industrial tour to NRSC (National Remote Sensing Center) Shadnagar

Organised industrial visit to L &T metro office ,Uppal

3.3. CCA/ECA participated:

1. Technical Presentation made at National Level Symposium on “Wireless Sensor Networks” at Kuppam Engineering College.

2. Attended 2-day workshop on **32-bit ARM Microcontrollers for Embedded Systems.**

3. Presented seminar on Red Tacton.

3.4. Counselling and Mentoring Activity: actively involved in counselling and mentoring

3.5. Committees involved in:

Department lab level: Timetable coordinator, Fortnight Attendance uploading in charge, EDC Lab in charge. Python Programming lab incharge, faculty achievement and knowledge asset file incharge,

Institute Level: NA

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted: workshop conducted on Arduino programming

Attended:

1. Attended a 2-day workshop on **32-bit ARM Microcontrollers for Embedded Systems**
- 2.” PC Controlled Robot Based on Wireless Technology”, *Proceedings of National Conference on Software Systems and Green Computing (NCSAG 2012), Architecture*
3. Participated and completed successfully AICTE Training and Learning (ATAL) Academy online FDP on *Cyber security* at Punjab engineering college.
4. Participated and completed successfully AICTE Training and Learning (ATAL) Academy online FDP on *data sciences* at College of Technology and Engineering.
5. Participated and completed successfully AICTE Training and Learning (ATAL) Academy online FDP on Artificial Intelligence at NITW.
6. **NPTEL** Online certification course-**Machine Learning**
7. **NPTEL** Online certification course- **systems and usable security**
8. **NPTEL** Online certification course -ELITE In Introduction to IoT
9. Participated in the Professional Development Programme on “Instructional Design and Delivery Systems” for one week.
10. Participated in Online Continuing Education Program on IoT & ML for Social Relevant Applications conducted by NIT Warangal from 22-09-2022 to 27-09-2022.
11. Participated in 40-hr Online FDP On AI & Machine Learning in Bio-metric recognition conducted by NIT Warangal

Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

5.2. Articles / Chapters published in Books:

5.3. Books published as a single author or as editor:

5.4. Projects Guided:

a) UG: 6 b) PG :

5.5. Research Interests: Analog Electronics, IoT, Image Processing using deep learning.

5.6. Ph.D. students:

a) Enrolled:

b) Submitted:

c) Awarded:

5.7. Papers published in reviewed journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	MINIATURE, STATE-OF-THE-ART METAMATERIAL ANTENNAS FOR WEARABLE IOT DEVICES, MEDICAL MONITORING, AND 5G NETWORKS.	NEUROQUANTOLOGY			national

2					
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5.8. Papers presented at National / International Journals :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1				
2				

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received:

7. Motto: Every moment of life is precious and can never happen again.